

SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

JOINT SDAG/AEEG MEETING ANNOUNCEMENT

Tuesday, February 13, 2006 (Note Different Day!)

EVOLUTION OF GRANITIC LANDSCAPES

presented by

Gary Peterson, Ph.D.
Professor of Geology, SDSU

Where: Catalina Room (southern end of MVCC) **SEE MAP, PAGE 2**
Marina Village Conference Center
1936 Quivira Way, San Diego, CA 92109

When: **Note the New Times!**
5:30 pm – Social Hour
6:30 pm – Dinner
7:30 pm – Program

Directions: FROM INTERSTATE 5: Take the SEA WORLD DRIVE exit. From SEA WORLD DRIVE, take WEST MISSION BAY DRIVE on your right. When you see the large green sign that says QUIVIRA ROAD, get in the farthest left of the two left turn lanes. Turn left, go one very short block and turn left again. Drive about one half mile and MARINA VILLAGE will be on your right.

FROM INTERSTATE 8: Take the WEST MISSION BAY DRIVE exit to the right. You will be on INGRAHAM STREET for a short distance from which you will take the next exit marked WEST MISSION BAY DRIVE on your right. When you see the large green sign that says QUIVIRA ROAD, get in the farthest left of the two left turn lanes. Turn left, go one very short block and turn left again. Drive about one half mile and MARINA VILLAGE will be on your right.

Dinner: Hawaiian! BBQ Pork Ribs "Maui Style" and Teriyaki Chicken, Vegetable Lo Mein, Chinese Salad, Fresh Fruit. Dessert: Pineapple Upside-down Cake. Coffee and beverage station. Full cash bar.

Cost: \$30 per person, \$5 discount for SDAG and AEEG members and their guests (one discount per person), \$20 for students. Add \$5 if you did not make a reservation.

Reservations: Make your reservation **online** at www.sandiegogeologists.org or call the SDAG Reservation Hotline at (619) 255-8380, **no later than 12:00 p.m. Friday, February 9th**.

RESERVATIONS CANNOT BE ACCEPTED AFTER Friday At Noon.
IF YOU DO NOT MAKE A RESERVATION, WE CANNOT GUARANTEE YOU A MEAL.

2007 EXECUTIVE COMMITTEE

PRESIDENT - David Bloom; *Anteon*; Ph: (619) 571-3470; prez@sandiegogeologists.org

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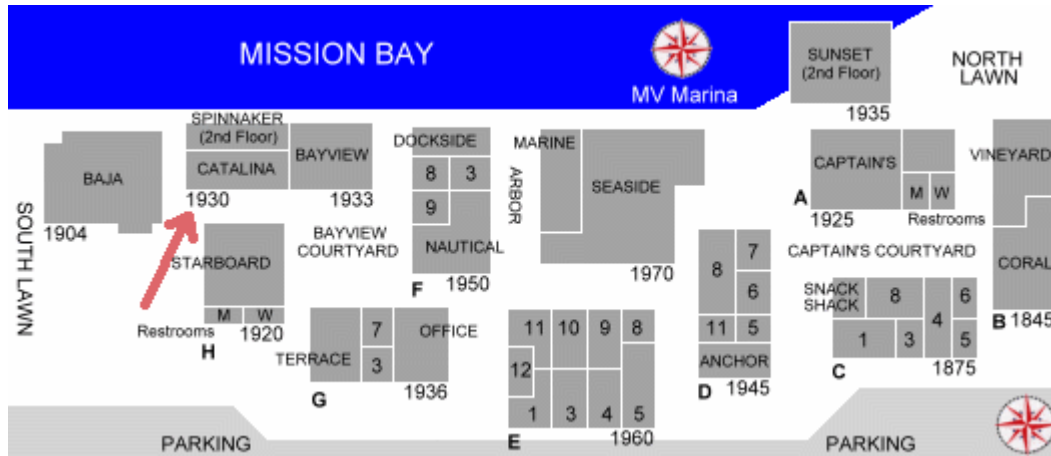
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EVOLUTION OF GRANITIC LANDSCAPES : GARY PETERSON, PH.D.

The granitic rocks of California are mostly Cretaceous in age and were emplaced during a major episode of subduction. Since then, uplifts have brought these deep-seated rocks to the surface where they dominate much of the California landscape. At the surface, these rocks undergo a combination of weathering and pressure-relief jointing. In some areas sub-horizontal exfoliation joints prevail. In other areas sets of vertical joints, in combination with sub-horizontal joints, break the rocks into a variety of geometric forms. Further weathering transforms the broken rocks into spheroidal boulders of various sizes. The combined process of weathering and pressure-relief expansion jointing goes back to at least Early Cenozoic and continues at the present.



2007 SDAG MEETING SCHEDULE - Mark your Calendars!

Meetings are usually on the 3rd Wednesday of the month but may change to accommodate speaker and meeting place schedules. Check here for updates!

March 21	SDAG Student Scholarship Presentation
April 18	Ken Hudnut on LIDAR
May 16	TBA

ANNOUNCEMENTS:

70th Street Trolley Station geology information panels, prepared by San Diego Association of Geologists, San Diego State University, and the San Diego Natural History Museum, will be installed this month. On Wednesday, January 31, from 8:00 to 10:00 am, the Metropolitan Transit Authority will hold an event to recognize the artists and scientists who helped to create the four stations that make up the new Mission Valley East trolley extension.

2005-2006 SDAG GUIDEBOOK EDITORS FEATURED: The editorial team of Bloom, Farquharson, & Ziegler were among the San Diego literati recognized at the reception for the 41st Annual Local Authors Exhibit at the San Diego Central Library. This book exhibit continues through February at the library.

Association of Ground Water Agencies & American Ground Water Trust
 Legislative and Scientific Issues Influencing Future Ground Water Management Options in California
 Registration & Program Details - <http://www.agwt.org/workshops.htm>
 Monday, February 5th, 2007
 With Optional Post-Conference Field Trip, Tuesday, February 6th, Ontario Convention Center

The 2007 Annual Meeting of the Association of Environmental and Engineering Geologists (AEG) will be held in the Los Angeles area at the Sheraton Universal Hotel (near Universal Studios). This will be the 50th Anniversary of the founding of the AEG and the meeting theme will revolve around that idea as well as celebrating California Geology. The technical program will focus on a variety of tunnel, fault hazard evaluations, marine geology, and coastal processes, as well as classic engineering geology, environmental geology, and groundwater topics. The 2007 Annual Meeting Planning Committee is currently scheduling several technical sessions, special symposia, short courses, and a teachers' workshop. These will provide opportunities for geologists and other professionals to share in the state-of-the-art and practices. In addition several field trips are planned to be held in conjunction with the meeting. Please place 2007 AEG convention on your calendars September 24 through 28, 2007.

Advanced Aquifer Testing Featuring AQTESOLV: New Concepts, Field Methods, and Data Analysis Procedures

February 27, 28 and March 1, 2007 at the University of San Diego

Instructors: Jim Butler, PhD., PG; Kansas Geological Survey and the 2007 NGWA Darcy Lecturer
Glenn Duffield, Author of AQTESOLV
Shlomo P. Neuman, PhD, University of Arizona.

**** Dr. Neuman-- the author of numerous landmark references in well hydraulics – will teach key portions of this course, not to mention the two other notable hydrogeologists who are changing how our industry designs, conducts, and analyzes both slug tests and pumping tests*****

Course Details provided in attached file and at: <http://www.midwestgeo.com/sandiego2007.htm>

SAN DIEGO STATE UNIVERSITY - DEPARTMENT OF GEOLOGICAL SCIENCES

ANNUAL BANQUET – FEBRUARY 23rd, 2007

This year's banquet will be held at **Tom Ham's Lighthouse** on Harbor Island in San Diego.
For more info, contact Sue or Liz, sdsugeoalum@att.net or 619-442-8022.

PRESIDENT'S CORNER:

- Last month's speaker Dave Huntley gave us an informative talk on how residual LAPL can be a continuing source of dissolved phase contamination, sometimes for hundreds or thousands of years even with treatment. We were reminded how important understanding the complexities of geology is when assessing a site with contaminated groundwater.
- I'm a member of the Technical Advisory Committee for the California Board for Geologists and Geophysicists. At our meeting in January, I met the new Executive Officer, Rick Rempel. The board itself is made of a bunch of new members, and has become quite active. I think you'll see much positive activity from BGG in the next year.
- Our members seemed to like receiving a discount at the dinner meeting. We'll continue offering discounts this year. We've moved the dinner meetings times up, so that our meetings don't end so late. Happy hour now starts at 5:30pm and runs until 6:30.
- After good feedback on our newest venue, we return to the Catalina Room at Marina Village for a joint meeting with the San Diego Chapter of the Association of Engineering and Environmental Geologists.
- We also plan to meet at Marina Village in April. Look for a little variety at some of the other meeting locations later this year.
- I look forward to Sarah's wine tasting field trip...I mean geology field trip...in Guadalupe Valley, Baja California, in October.
- Please contact me with your ideas for meeting locations, speakers, topics, ways to improve SDAG, etc.
- Enjoy the joint meeting this month!

Dave Bloom

2006/7 CORPORATE SPONSORS - THANK YOU!!

Corporate sponsors provide a significant portion of SDAG's operating and scholarship budget. In addition to monthly recognition for your contribution, you are entitled to a free Internet "link" from [SDAG's Website](#). We also list Corporate Sponsors in our annual SDAG Field Trip Volume. ***Please consider SDAG sponsorship in 2007!***

A special thank you to **Ninyo & Moore** for sponsoring the preparation, duplication, and mailing of the newsletter for 2006 and 2007!

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JOB OPENINGS!

TN & Associates, Inc. specializes in environmental services, natural resources, infrastructure engineering, and construction services. Our San Diego office is currently looking to fill the following positions:

Staff Geologist: Geologist to perform office and field assignments for environmental site assessment and remediation projects. Position will involve soil borings, monitoring well installations, soil and water sampling, historical research investigations, data management, construction documentation and construction QA/QC, and report writing. Ability to adapt to both office and field environments a must. OSHA 40-hour training a plus. Periodic travel is required.

Project Geologist: Geologist with 3 to 7 years experience required in conducting all aspects of field investigations including limited site assessments, multi-task remedial investigations and remedial actions with a strong emphasis in technical writing skills. The ideal candidate will have experience in data analysis and reporting. PG registration and OSHA 40-hour training a plus. Work will entail some fieldwork and travel, mainly within California. Experience with government projects (DOD, USACE, AFCEE, Navy and USEPA) landfills and stormwater engineering/compliance a plus.

We offer a competitive salary, benefits package and friendly working environment. Equal Opportunity Employer. Please mail or fax your resume and letter of interest to: T N & Associates, Inc., 2247 San Diego Avenue, Suite 238, San Diego CA 92110, fax 619-291-8100.

Since 1986, clients have turned to **Ninyo & Moore** for innovative solutions to complex geotechnical and environmental challenges. As a leading geotechnical and environmental sciences engineering and consulting firm, Ninyo & Moore provides specialized services to clients in both the public and private sectors. With offices in Colorado, California, Nevada and Arizona, the firm is fully committed to being responsive, cost-efficient, and thorough in meeting its clients' project needs and objectives.

Ninyo & Moore Geotechnical & Environmental Sciences Consultants has immediate employment opportunities in our Denver, Irvine, Las Vegas, Oakland, Phoenix, and San Diego offices. Positions include Engineers and Geologists of all levels, including **Staff Engineers and Geologists, Project Engineers and Geologists, Staff and Project Environmental Scientists, Chief Geotechnical Engineer, and Construction Field and Laboratory Technicians.**

The successful candidates should have a BS or MS degree for staff-level positions and five years or more of experience for project to senior-level positions. The candidates should be detailed oriented and have excellent verbal and written communication skills. Professional Engineer (PE) and/or Professional Geologist (PG) registrations preferred.

Ninyo & Moore offers a competitive salary, excellent benefits and an opportunity for professional growth. Please visit our website for complete and detailed job descriptions and to submit your resume in confidence at www.ninyoandmoore.com/careers or mail to our corporate office at 5710 Ruffin Road, San Diego, CA 92123, Attention: Human Resources. EOE

Hargis + Associates, Inc., a San Diego based consulting firm specializing in **hydrogeology and engineering**, and **SDAG Corporate Sponsor** currently has opportunities in our San Diego, California and Mesa Ari office. We are currently looking to fill the following positions:

Staff Engineer: Candidate would have a B.S. Degree in Chemical, Civil, or Mechanical Engineering, EIT Certification and/or a Masters Degree is a plus. Only entry level candidates will be considered. Candidate should possess strong writing and presentation skills. Position will be based in San Diego, California, and will require some travel and field work. OSHA 40-hour training preferred, but not mandatory.

Hydrogeologist: Candidate would have a B.S. Degree in Geology and M. S. Degree would be a plus. Entry level position, with work including soil and groundwater sampling, well installation, aquifer test analysis, and report preparation. Candidate should possess strong writing and presentation skills. Candidate with Hydrogeology coursework or GIS background is a positive. Position will be based in San Diego, and will require travel and field work. Only entry level candidates will be considered. Valid driver's license and U.S. Citizenship required. OSHA 40-hour training preferred, but not mandatory.

Hargis + Associates offer competitive salaries and benefits, and a challenging work atmosphere. Hargis + Associates in an Equal Opportunity Employer. To learn more about Hargis + Associates, please visit our website at: www.hargis.com.

No phone calls please. Qualified candidates should send resumes, along with a cover letter summarizing experience and salary requirements to: Hargis + Associates, Inc., Attention: Phil Rosenberg, 2365 Northside Drive, Suite C-100, San Diego, CA 92108



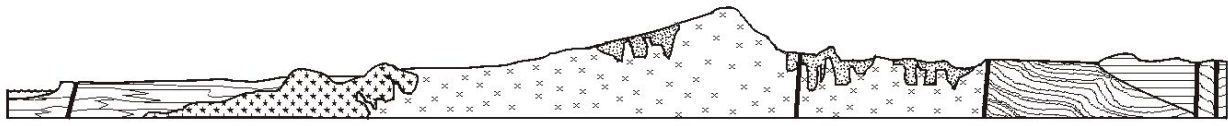
URS Corporation, a nationwide, multidisciplinary consulting firm and the largest design firm in the country, has a strong project backlog in San Diego County in the transportation and water resources markets. We are seeking qualified candidates for the following positions for our San Diego office:

Engineering Geologist (Requisition #URS16201): Geologist/Engineering Geologist with 0 to 5 years of experience in consulting engineering firm; preferably with master's degree. Responsible for supervising field explorations, geologic mapping, and report preparation. Should be experienced in logging borings in soil and rock, knowledge of Caltrans investigation procedures a plus.

Geotechnical Engineer (Requisition #URS15584): Civil/Geotechnical Engineer with 0 to 5 years of experience in consulting engineering firm; preferably with master's degree. Responsible for planning field and laboratory programs, engineering analyses, and report preparation. Strong analytical skills and communication skills a must.

URS is an Equal Opportunity Employer and strongly supports diversity in our work force (M/F/V/D). We offer competitive salaries and a comprehensive benefits package.

For immediate consideration, please submit to mike_blackmore@urscorp.com or apply on-line under the Careers section of our website (www.urscorp.com) using the requisition number shown in parentheses above.



SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegoeologists.org

CALL FOR PAPERS:
***"Hydrogeology and Environmental Issues
in the Guadalupe Valley
and the Northern Coast of Baja California, Mexico"***

*To be published in association with the
2007 San Diego Association of Geologists
Annual Field Trip*

October 13th-14th, 2007

(<http://www.sandiegoeologists.org/Publications.html>)

Co-editors:

Sarah Gray, Vice President, SDAG

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Thomas Kretzschmar

Depto. de Geología,

Centro de Investigación Científica y de Educación Superior de Ensenada
(CICESE)

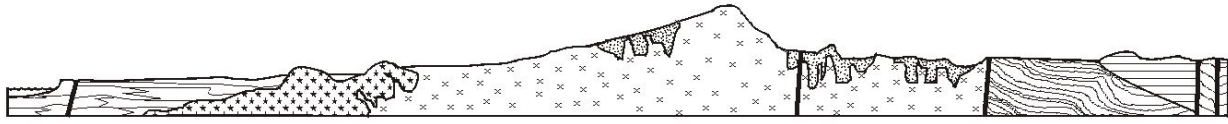
(tkretzsc@cicese.mx; 646 175 0500 Ext. 26047)

SCOPE: Papers addressing topics related to hydrogeology, geology, environmental issues, geography, wineries, and history of the Guadalupe Valley or the northern coast of Baja California.

TIMELINE:

- Email a statement of interest & topic to the co-editors as soon as possible
- Manuscripts due: April 15th, 2007
- Revised manuscripts due: July 1st, 2007
- Target publication date: late September, 2007

For further information, contact sgray@san Diego.edu or tkretzsc@cicese.mx



SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

2007 MEMBERSHIP FORM

NAME: _____

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Include in directory _____

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Please include company or other affiliation

Preferred Mailing Address (Check One): Home Work

E-mail Address: _____

Website: _____

Field(s) of Interest: _____

Phone: Home: (____) _____ Work: (____) _____ Cell: (____) _____

NEW POLICY: Your membership dues include email delivery of the monthly newsletter. If you wish to receive a hardcopy of the newsletter through US Mail, please add \$10.00 to your membership dues.

Dues:	_____ Student Member (email delivery only)	\$ 5.00
(check choice)	_____ Regular Member (email delivery only)	\$ 25.00
	_____ Subscription to hardcopy newsletter	\$ 10.00
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(Name as you would like it to appear in guidebook and website)

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Marine and Environmental Studies Department
University of San Diego
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San Diego, CA 92110

**San Diego Association of Geologists
c/o Scott Snyder
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San Diego, CA 92123**